

Fibre Optic Interrogator

(DTS)



Qteq is providing industry leading Distributed Temperature Sensing (DTS) data interrogators from Silixa. The low power XT-DTS is housed inside a ruggedized case for installation in harsh environments and is designed for remote configuration and operation. The Silixa ULTIMA DTS offers the finest temperature and spatial resolution and incorporates an embedded computer for standalone operation.

Features and Benefits XT-DTS

- Ruggedized construction for use in remote locations.
- High operating temperature range for use in hostile environments.
- Supports operation using solar or wind power without compromising accuracy or reliability.
- Supports remote configuration and control via wireless link.
- Viewer and client software available.



Features and Benefits Ultima-DTS

- Superior temperature and spatial resolution.
- Ultrafast sample rate.
- Embedded PC with user friendly software.
- 4 and 8 channel units available for multiple well interrogation.
- Configurable for single or double ended measurements.



Specifications

	XT-DTS	Ultima-DTS
Range	Up to 10 km	Up to 35 km
Spatial Resolution	65 cm	35 cm – 200 cm (adjustable)
Sampling Resolution	25 cm	12.5 cm – 200 cm (adjustable)
Temperature Resolution	>0.1 °C at 5 Km	180 sec sample rate: 0.1 °C at 5 km; Spatial Resolution = 70 cm 180 sec sample rate: 0.2 °C at 5 km; Spatial Resolution = 35 cm
Speed	Min 5 second	Min. 1 second
Operating Range	-40 °C to 65 °C	Climate Controlled Environment
Power	12-24 V DC: 40 W typical 12-24 V DC: 12 W standby	120-240 V AC
Enclosure	Ruggedized	Rack Mounted